

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	159	(348/300).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 08:48
L2	143	(348/301).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:03
L3	89	(348/319).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:06
L4	64	(348/324).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:08
L5	756	(348/241).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:09
L6	183	I5 and (differential amplifier)	US-PGPUB; USPAT	AND	ON	2006/12/14 09:09
L7	183	I5 and (differential amplifier)	US-PGPUB; USPAT	AND	ON	2006/12/14 09:31
L8	1187	(348/222.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:31
L9	26	I8 and (differential adj4 amplifier)	US-PGPUB; USPAT	AND	ON	2006/12/14 09:33
L10	752	(348/294).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:33
L11	145	I10 and (average or averaging)	US-PGPUB; USPAT	AND	ON	2006/12/14 09:34
L12	145	I10 and (average or averaging or averages)	US-PGPUB; USPAT	AND	ON	2006/12/14 09:42
L13	91	(348/298).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:49
L14	438	(348/302).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 09:49
L15	141	I14 and ((average or averaging or averages) or "differential amplifier")	US-PGPUB; USPAT	AND	ON	2006/12/14 10:15
L16	0	((differential amplifier) near (average or averaging or averages)).ab.	US-PGPUB; USPAT	AND	ON	2006/12/14 10:16
L17	1438	(pixel and (averaging or average or averages)).ab.	US-PGPUB; USPAT	AND	ON	2006/12/14 10:17
L18	14	I17 and "differential amplifier"	US-PGPUB; USPAT	AND	ON	2006/12/14 10:22
L19	43	((pixel or pixels) adj6 "differential amplifier") and (average or averages or averaging)	US-PGPUB; USPAT	AND	ON	2006/12/14 10:35
L20	1	"differential amplifier" near (average or averages or averaging).ab.	US-PGPUB; USPAT	AND	ON	2006/12/14 10:36

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L21	932	"differential amplifier" with (average or averages or averaging)	US-PGPUB; USPAT	AND	ON	2006/12/14 10:37
L22	32	("differential amplifier" with (average or averages or averaging)) near (pixel or signal or voltage)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:06
L23	932	("differential amplifier" with (average or averages or averaging)) and (pixel or signal or voltage)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:07
L24	15	("differential amplifier" with (average or averages or averaging)) near signal	US-PGPUB; USPAT	AND	ON	2006/12/14 11:09
L25	1	using adj3 "differential amplifier" adj3 averaging	US-PGPUB; USPAT	AND	ON	2006/12/14 11:10
L26	3	(use or used or using) adj3 "differential amplifier" adj5 (average or averaging or averaged)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:11
L27	4632	differential amplifier with (average or averaged or averaging)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:12
L28	31	(differential amplifier with (average or averaged or averaging)) near (signal or voltage or pixel)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:13
L29	37	("differential amplifier" with (average or averaged or averaging)) near (signal or voltage or pixel)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:19
L30	207	"differential amplifier" adj5 average	US-PGPUB; USPAT	AND	ON	2006/12/14 11:19
L31	67280	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 11:19
L32	25	I30 and I31	US-PGPUB; USPAT	AND	ON	2006/12/14 11:23
L33	550	"differential amplifier" with (use or used or using) with (obtain or obtained or obtaining)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:24
L34	19	"differential amplifier" with (use or used or using) with (obtain or obtained or obtaining) with (average or averaging or averaged)	US-PGPUB; USPAT	AND	ON	2006/12/14 11:36
L35	1	("20030052982").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/14 11:39
L36	0	("I30notI32").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/14 11:39
L37	182	I30 not I32	US-PGPUB; USPAT	AND	ON	2006/12/14 11:39

## EAST Search History

L38	4892	"operational amplifier" and averaging	US-PGPUB; USPAT	AND	ON	2006/12/14 13:56
L39	36	"operational amplifier" and averaging.ti.	US-PGPUB; USPAT	AND	ON	2006/12/14 13:57
L40	0	("operational amplifier" and (average or averaged or averaging)).ti.	US-PGPUB; USPAT	AND	ON	2006/12/14 13:59
L41	1	("6130712").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:59
L42	8	("1117250").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/12/14 15:16
S1	5732	xu.in.	US-PGPUB; USPAT	AND	ON	2006/12/12 14:51
S2	8	xu-weize.in.	US-PGPUB; USPAT	AND	ON	2006/12/12 15:25
S3	1	("6377304").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/12 16:19
S4	297	(348/243).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/12 17:16
S5	343	"dark reference"	US-PGPUB; USPAT	AND	ON	2006/12/12 17:17
S6	0	S5 near simultaneous	US-PGPUB; USPAT	AND	ON	2006/12/12 17:17
S7	69	S5 and simultaneous	US-PGPUB; USPAT	AND	ON	2006/12/12 17:17
S8	26	S5 and "differential amplifier"	US-PGPUB; USPAT	AND	ON	2006/12/12 17:19
S9	1	"dark reference" near readout	US-PGPUB; USPAT	AND	ON	2006/12/12 17:20
S10	1393	simultaneous pixel processing.ti.	US-PGPUB; USPAT	AND	ON	2006/12/12 17:21
S11	0	(simultaneous and pixel and processing).ti.	US-PGPUB; USPAT	AND	ON	2006/12/12 17:21
S12	4	(simultaneous and pixel).ti.	US-PGPUB; USPAT	AND	ON	2006/12/12 17:23
S13	0	(row-by-row and pixel).ti.	US-PGPUB; USPAT	AND	ON	2006/12/12 17:23
S14	1	("dark reference" and pixels).ti.	US-PGPUB; USPAT	AND	ON	2006/12/12 17:24
S15	25	(column and pixels).ti.	US-PGPUB; USPAT	AND	ON	2006/12/14 08:19